IN THE SPECIFICATION

On page 1, immediately below line 11 (immediately above the paragraph beginning "Antenna elements..", insert a heading

--**Description of the Prior Art** --

The paragraph beginning at page 3, line 4 has been amended as follows:

In the minimum case, it can be sufficient when the antenna element has a single auxiliary circuit. Preferably, however, it has a second sub-section, axially offset with regard to the first sub-section, with a second auxiliary circuit adjacent thereto. The second auxiliary circuit has a coupling section and an auxiliary circuit section. The second auxiliary circuit is inductively coupled to the second sub-section via the coupling section, and the auxiliary circuit section proceeds parallel to the second sub-section, at a ~~spacing~~ distance from the section axis. The second auxiliary circuit has controllable tuning elements therein, and depending on the control state of the tuning elements, a radio-frequency excitation current flowing in the second sub-section causes an auxiliary current in the auxiliary circuit section leading the excitation current, an auxiliary current in the auxiliary circuit section lagging the excitation current, or no auxiliary current.

At page 5, immediately below line 19, insert the following paragraph:

As shown in Figure 3, a first auxiliary circuit 11 has a coupling section 12 and an auxiliary circuit section 13. A first auxiliary circuit 11 is inductively coupled to a first sub-section 10 via the coupling section 12. The auxiliary circuit section 13 of the first auxiliary circuit 11 proceeds parallel to the first sub-section 10 at a distance "a" from the section axis 9.

The paragraph beginning at page 5, line 20 has been amended as follows:

A radio-frequency current (~~also~~ called ~~as~~ an excitation current I in ~~reception~~ the transmission mode) flows in the antenna elements 1 both in the case of transmission and in the case of reception.

The paragraph beginning at page 7, line 12 has been amended as follows:

The design of the antenna element of FIG. 4 substantially corresponds to the design of the antenna element of FIG. 3. The single difference is that the coupling sections 12, 12' for the sub-sections 10, 10' are different elements in the antenna element 1 according to FIG. 3, while the coupling sections 12, 12' are components of the sub-sections 10, 10' in the representation according to FIG. 4. Also, for better clarity, in the representation in FIG. 4 ~~is separate from~~ the control and evaluation device 4 is not shown.